

	Type	Hits	Search Text	DBs
1	BRS	330	((machzend\$3 adj1 modulatz3) (mach adj1 zend\$3 adj1 modulatz3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))	USPAT
2	BRS	1989	((phase modulatz3) same (lithium near1 nioba\$3) linbo\$2)	USPAT
3	BRS	49571	phase same modulatz4	USPAT
4	BRS	13758	(piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1)	USPAT
5	BRS	2	((machzend\$3 adj1 modulatz3) (mach adj1 zend\$3 adj1 modulatz3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) and (((phase modulatz3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))	USPAT
6	BRS	3	((machzend\$3 adj1 modulatz3) (mach adj1 zend\$3 adj1 modulatz3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) and (((phase modulatz3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))	USPAT; US-PGPUB ; EPO; JPO; DERWENT
7	BRS	14552	mzi interferomet\$3	USPAT
8	BRS	1989	((phase modulatz3) same (lithium near1 nioba\$3) linbo\$2)	USPAT
9	BRS	49571	phase same modulatz4	USPAT
10	BRS	13758	(piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1)	USPAT
11	BRS	51	(mzi interferomet\$3) and (((phase modulatz3) same (lithium near1 nioba\$3) linbo\$2)) and (phase same modulatz4) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))	USPAT
12	BRS	344207	(radiofrequenc\$3 (radio adj1 frequen\$4) rf (micro adj1 wave\$2) microwave\$2 analog)	USPAT
13	BRS	172	((radiofrequenc\$3 (radio adj1 frequen\$4) rf (micro adj1 wave\$2) microwave\$2 analog)) same (((phase modulatz3) same (lithium near1 nioba\$3) linbo\$2))	USPAT
14	BRS	11781	((radiofrequenc\$3 (radio adj1 frequen\$4) rf (micro adj1 wave\$2) microwave\$2 analog)) same (phase same modulatz4)	USPAT
15	BRS	5	((mzi interferomet\$3) and (((phase modulatz3) same (lithium near1 nioba\$3) linbo\$2)) and (phase same modulatz4) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) and (((radiofrequenc\$3 (radio adj1 frequen\$4) rf (micro adj1 wave\$2) microwave\$2 analog)) same (((phase modulatz3) same (lithium near1 nioba\$3) linbo\$2)))	USPAT

	Time Stamp	Comments	Error Definition	Errors
1	2002/11/12 14:17			0
2	2002/11/12 13:18			0
3	2002/11/12 13:18			0
4	2002/11/13 11:35			0
5	2002/11/12 17:39			0
6	2002/11/12 17:18			0
7	2002/11/12 17:41			0
8	2002/11/12 14:20			0
9	2002/11/12 14:28			0
10	2002/11/12 18:05			0
11	2002/11/12 16:43			0
12	2002/11/12 14:04			0
13	2002/11/12 14:05			0
14	2002/11/12 14:05			0
15	2002/11/12 14:07			0

	Type	Hits	Search Text	DBs
16	BRS	26	((mzi interferomet\$3) and (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)) and (phase same modulat\$4) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) and (((radiofrequenc\$3 (radio adj1 frequen\$4) rf (micro adj1 wave\$2) microwave\$2 analog)) same (phase same modulat\$4))	USPAT
17	BRS	330	((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))	USPAT
18	BRS	2	((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1)) and (((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3)))	USPAT
19	BRS	4237	((phase modulat\$3) and (lithium near1 nioba\$3) linbo\$2)	USPAT
20	BRS	3	((phase modulat\$3) and (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1)) and (((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3)))	USPAT
21	BRS	8	(phase same modulat\$4) and (((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))	USPAT
22	BRS	16	((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) and (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric) (piezo adj1 electric) pzt\$1))	USPAT; US-PGPUB ; EPO; JPO; DERWENT
23	BRS	115	((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) interferometer (mach adj1 zend\$3 adj1 interferomet\$3))) and (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric) (piezo adj1 electric) pzt\$1))	USPAT; US-PGPUB ; EPO; JPO; DERWENT

	Time Stamp	Comments	Error Definition	Errors
16	2002/11/12 14:11			0
17	2002/11/12 17:56			0
18	2002/11/12 14:21			0
19	2002/11/12 14:21			0
20	2002/11/12 14:21			0
21	2002/11/12 14:28			0
22	2002/11/12 15:03			0
23	2002/11/12 15:05			0

	Type	Hits	Search Text	DBs
24	BRS	26	((((machzend\$3 adj1 modul\$3) (mach adj1 zend\$3 adj1 modul\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) interferometer (mach adj1 zend\$3 adj1 interferomet\$3))) and ((phase modul\$3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric) (piezo adj1 electric) pzt\$1))) and ((piezo adj1 electric adj1 transdu\$5) pzt)	USPAT
25	BRS	14	(((((machzend\$3 adj1 modul\$3) (mach adj1 zend\$3 adj1 modul\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) interferometer (mach adj1 zend\$3 adj1 interferomet\$3))) and ((phase modul\$3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric) (piezo adj1 electric) pzt\$1))) and ((piezo adj1 electric adj1 transdu\$5) pzt)) not (((phase same modul\$4) and (((machzend\$3 adj1 modul\$3) (mach adj1 zend\$3 adj1 modul\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) "223" (((phase modul\$3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1)) and (((machzend\$3 adj1 modul\$3) (mach adj1 zend\$3 adj1 modul\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3)))) (((mzi interferomet\$3) and ((phase modul\$3) same (lithium near1 nioba\$3) linbo\$2)) and (phase same modul\$4) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) and (((radiofrequenc\$3 (radio adj1 frequen\$4) rf (micro adj1 wave\$2) microwave\$2 analog)) same (phase same modul\$4))) (((mzi interferomet\$3) and	USPAT

	Time Stamp	Comments	Error Definition	Errors
24	2002/11/12 18:27			0
25	2002/11/12 15:14			0

	Type	Hits	Search Text	DBs
26	BRS	0	((((machzend\$3 adj1 modulats3) (mach adj1 zend\$3 adj1 modulats3) mzm mzi (machzend\$3 adj1 interferomet\$3) interferometer (mach adj1 zend\$3 adj1 interferomet\$3))) and (((phase modulats3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric) (piezo adj1 electric) pzt\$1))) and ((piezo adj1 electric adj1 transdu\$5) pzt)) not (((phase same modulats4) and ((machzend\$3 adj1 modulats3) (mach adj1 zend\$3 adj1 modulats3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) "223" (((phase modulats3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1)) and ((machzend\$3 adj1 modulats3) (mach adj1 zend\$3 adj1 modulats3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3)))) (((mzi interferomet\$3) and ((phase modulats3) same (lithium near1 nioba\$3) linbo\$2)) and (phase same modulats4) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) and (((radiofrequenc\$3 (radio adj1 frequen\$4) rf (micro adj1 wave\$2) microwave\$2 analog)) same (phase same modulats4))) (((mzi interferomet\$3) and	USPAT
27	BRS	0	((mzi interferomet\$3) and (((phase modulats3) same (lithium near1 nioba\$3) linbo\$2)) and (phase same modulats4) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) and (((machzend\$3 adj1 modulats3) (mach adj1 zend\$3 adj1 modulats3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3)))	USPAT

	Time Stamp	Comments	Error Definition	Errors
26	2002/11/12 15:15			0
27	2002/11/12 16:41			0

	Type	Hits	Search Text	DBs
28	BRS	10	((mzi interferomet\$3) and (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)) and (phase same modulat\$4) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) not (((((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3)))) and (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) (((mzi interferomet\$3) and (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)) and (phase same modulat\$4) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) and (((radiofrequenc\$3 (radio adj1 frequen\$4) rf (micro adj1 wave\$2) microwave\$2 analog)) same (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)))) (((mzi interferomet\$3) and (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)) and (phase same modulat\$4) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) and (((radiofrequenc\$3 (radio adj1 frequen\$4) rf (micro adj1 wave\$2) microwave\$2 analog)) same (phase same modulat\$4))) "2124" (((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3)	USPAT

	Time Stamp	Comments	Error Definition	Errors
28	2002/11/12 17:20			0

	Time Stamp	Comments	Error Definition	Errors
29	2002/11/12 17:49			0
30	2002/11/12 17:41			0
31	2002/11/12 17:41			0
32	2002/11/12 17:42			0
33	2002/11/12 17:43			0
34	2002/11/12 17:46			0

	Type	Hits	Search Text	DBs
35	BRS	2	(((((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) and (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) and ((fiber waveguid\$4) same (amplif\$5 erbium\$6)))	USPAT
36	BRS	1	(((((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) and (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) (((mzi interferomet\$3) and (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)) and (phase same modulat\$4) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) and (((radiofrequenc\$3 (radio adj1 frequen\$4) rf (micro adj1 wave\$2) microwave\$2 analog)) same (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)))) (((mzi interferomet\$3) and (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)) and (phase same modulat\$4) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) and (((radiofrequenc\$3 (radio adj1 frequen\$4) rf (micro adj1 wave\$2) microwave\$2 analog)) same (phase same modulat\$4))) (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1)) and (((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3)))) (((phase	USPAT
37	BRS	12	(((((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3)))) and (polariz\$5 near2 maintain\$4 near3 (coupler\$4)))	USPAT
38	BRS	2	(((((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3)))) and (polariz\$5 near2 maintain\$4 near3 (coupler\$4))) and (photodiode\$3 photo adj1 (diode\$1 detect\$4) detect\$4)) and ((phase adj1 lock\$3) phaselock\$5)	USPAT
39	BRS	2	(((((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3)))) and (polariz\$5 near2 maintain\$4 near3 (coupler\$4))) and (photodiode\$3 photo adj1 (diode\$1 detect\$4) detect\$4)) and ((phase adj1 lock\$3) phaselock\$5)) and (nd\$5 \$4yag)	USPAT

	Time Stamp	Comments	Error Definition	Errors
35	2002/11/12 17:48			0
36	2002/11/12 17:56			0
37	2002/11/12 18:17			0
38	2002/11/12 18:20			0
39	2002/11/12 18:47			0

	Type	Hits	Search Text	DBs
40	BRS	0	(((((machzend\$3 adj1 modulatz3) (mach adj1 zend\$3 adj1 modulatz3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) and (polariz\$5 near2 maintain\$4 near3 (coupler\$4))) and (photodiode\$3 photo adj1 (diode\$1 detect\$4) detect\$4) and ((phase adj1 lock\$3) phaselock\$5) and (nd\$5 \$4yag)) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))	USPAT
41	BRS	29011	((phase adj1 lock\$3) phaselock\$5)	USPAT
42	BRS	7429	((piezo adj1 electric adj1 transdu\$5) pzt)	USPAT
43	BRS	2	((((machzend\$3 adj1 modulatz3) (mach adj1 zend\$3 adj1 modulatz3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) and ((phase adj1 lock\$3) phaselock\$5)) and (((phase adj1 lock\$3) phaselock\$5)) same (((piezo adj1 electric adj1 transdu\$5) pzt)))	USPAT
44	BRS	22	((((machzend\$3 adj1 modulatz3) (mach adj1 zend\$3 adj1 modulatz3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) and ((phase adj1 lock\$3) phaselock\$5)	USPAT
45	BRS	10	((((machzend\$3 adj1 modulatz3) (mach adj1 zend\$3 adj1 modulatz3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) and (polariz\$5 near2 maintain\$4 near3 (coupler\$4))) and (photodiode\$3 photo adj1 (diode\$1 detect\$4) detect\$4)	USPAT
46	BRS	26	((phase adj1 lock\$3) phaselock\$5)) same ((piezo adj1 electric adj1 transdu\$5) pzt))	USPAT
47	BRS	1	5193128.pn.	USPAT
48	BRS	1	5193128.pn. and fiber\$5	USPAT
49	BRS	0	5193128.pn. and polariz\$6	USPAT
50	BRS	1	6411756.pn.	USPAT
51	BRS	1	6411756.pn. and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))	USPAT
52	BRS	1	5675648.pn. and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))	USPAT
53	BRS	1	(5675648.pn. and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) and ((lithium near1 nioba\$3) linbo\$2)	USPAT

	Time Stamp	Comments	Error Definition	Errors
40	2002/11/12 18:05			0
41	2002/11/12 18:21			0
42	2002/11/12 18:28			0
43	2002/11/12 18:28			0
44	2002/11/12 18:33			0
45	2002/11/12 18:34			0
46	2002/11/13 16:24			0
47	2002/11/12 18:48			0
48	2002/11/12 18:52			0
49	2002/11/12 18:57			0
50	2002/11/12 18:58			0
51	2002/11/12 19:02			0
52	2002/11/12 19:08			0
53	2002/11/12 19:08			0